Changed a file from non-ASCII to ASCII Changed a file from non-ASCII to ASCII Changed a file from non-ASCII to ASCII
Changed the margins in cases where the sequence text was "wrapped" down to the next line.
Edited a format error in the Current Application Data section, specifically
Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other
Added the mandatory heading and subheadings for "Current Application Data".
Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
Changed the spelling of a mandatory field (the headings or subheadings), specifically:
Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
Inserted colons after headings/subheadings. Headings edited included:
Deleted extra, invalid, headings used by an applicant, specifically:
Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of f☐ page numbers throughout text; ☐ other invalid text, such as
Inserted mandatory headings, specifically:
Corrected an obvious error in the response, specifically:
Edited identifiers where upper case is used but lower case is required, or vice versa.
Corrected an error in the Number of Sequences field, specifically:
A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (erroduce to a Patentin bug). Sequences corrected:
Other:

*Examiner: The above corrections must b communicated to the applicant in the first Office Action. DO NOT s nd a copy of this form.

3/1/95

46

RAW SEQUENCE LISTING PATENT APPLICATION US/08/943,776

DATE: 01/06/98 TIME: 10:40:55

	INPUT SET: S223
	This Raw Listing contains the General Information Section and up to the first pages.
1	SEQUENCE LISTING (1) General Information:
2	
3	(1) General Information:
4 5 6 7	(i) APPLICANT: Degli-Esposti, Mariapia Goodwin, Raymond
, 8 9	(ii) TITLE OF INVENTION: Novel Receptor That Causes Cell Death
10 11	(iii) NUMBER OF SEQUENCES: 6
12 13 14 15 16 17	<pre>(iv) CORRESPONDENCE ADDRESS: (A) ADDRESSEE: Immunex (B) STREET: 51 University Street (C) CITY: Seattle (D) STATE: WA (E) COUNTRY: USA (F) ZIP: 98101</pre>
19 20 21 22 23 24 25	 (v) COMPUTER READABLE FORM: (A) MEDIUM TYPE: Floppy disk (B) COMPUTER: Apple Power Macintosh (C) OPERATING SYSTEM: Apple Operating System 7.5.3 (D) SOFTWARE: Microsoft Word for Power Macintosh 6.0.1
26 27 28 29 30	(vi) CURRENT APPLICATION DATA:(A) APPLICATION NUMBER:(B) FILING DATE: 03 OCTOBER 1997(C) CLASSIFICATION:
31 32 33 34	<pre>(vii) PRIOR APPLICATION DATA: (A) APPLICATION NUMBER: USSN 60/044,456 (B) FILING DATE: 04 OCTOBER 1996 (C) CLASSIFICATION:</pre>
35 36 37 38 39	(viii) ATTORNEY/AGENT INFORMATION: (A) NAME: Perkins, Patricia Anne (B) REGISTRATION NUMBER: 34,693 (C) REFERENCE/DOCKET NUMBER: 2849-A
40 41	(ix) TELECOMMUNICATION INFORMATION:

RAW SEQUENCE LISTING PATENT APPLICATION US/08/943,776

DATE: 01/06/98 TIME: 10:41:01

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70 71	GGG	CGGC	rgc :	rctg	CGGC	CT GO	GAGT	GGAT'	r TC	GCC	GCCA	TGT	rcgc	GCG (GCGA	CTGCTG	180
72 73 7 4 75 76	CGG	CCTC	CTC (GGCA(GGCA	GC C	CATC	AGCT	G AC	GCT(GGC	GCC	CGTC	GGA (ggc:	F ATG Met 1	238
77 78 79 80														CTC Leu 15			286
81 82 83														CCC Pro			334
85 86 87 88														TGT Cys			382
89 90 91 92														GAG Glu			430
93 94 95														TTG Leu			478
97 98 99					Asn									TGT Cys			526

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RAW SEQUENCE LISTING PATENT APPLICATION US/08/943,776

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113	GCC	CTG	CAC	CGC	CAC	ACA	CGG	CTA	CTC	TGT	TCC	CGC	AGA	GAT	ACT	GAC	718
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117	TGT	GGG	ACC	TGC	CTG	CCT	GGC	TTC	TAT	GAA	CAT	GGC	GAT	GGC	TGC	GTG	766
118	Cys	Gly	Thr	Cys	Leu	Pro	Gly	Phe	Tyr	Glu	His	Gly	Asp	Gly	Cys	Val	
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121	TCC	TGC	CCC	ACG	AGC	ACC	CTG	GGG	AGC	TGT	CCA	GAG	CGC	TGT	GCC	GCT	814
122	Ser	Cys	Pro	Thr	Ser	Thr	Leu	Gly	Ser	Cys	Pro	Glu	Arg	Cys	Ala	Ala	
123			180					185					190				
124																	
125						CAG											862
126	Val	_	GTÀ	Trp	Arg	Gln		Phe	Trp	Val	Gln		Leu	Leu	Ala	Gly	
127		195					200					205					
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133	CAC	TGC	ሞርር	CCT	CAC	AAG	מממ	СТС	CTT	λСП	CCA	СУТ	GAA	сст	aaa	ልጥር	958
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137	GAG	GCT	CTG	ACC	CCA	CCA	CCG	GCC	ACC	CAT	CTG	TCA	CCC	TTG	GAC	AGC	1006
138	Glu	Ala	Leu	Thr	Pro	Pro	Pro	Ala	Thr	His	Leu	Ser	Pro	Leu	Asp	Ser	
139				245					250					255	_		
140																	
141						GCA											1054
142	Ala	His	Thr	Leu	Leu	Ala	Pro	Pro	Asp	Ser	Ser	Glu	Lys	Ile	Cys	Thr	
143			260					265					270				
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145						AAC											1102
146	Val		Leu	Val	Gly	Asn		Trp	Thr	Pro	Gly	_	Pro	Glu	Thr	Gln	
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RAW SEQUENCE LISTING PATENT APPLICATION US/08/943,776

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154		Ala															1130
155	ALG	vra	пеа	GLY	310	ALG	ATG	ATG	FIO	315	пец	261	FIO	GIU	320	FIO	
156					310					313					320		
157	GCC	GGC	TCG	CCA	GCC	ΔТС	ΔТС	CTG	CAG	CCG	aac	CCG	CAG	כידיכי	ጥ ልሮ	GAC	1246
158		Gly															1240
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161	GTG	ATG	GAC	GCG	GTC	CCA	GCG	CGG	CGC	TGG	AAG	GAG	TTC	GTG	CGC	ACG	1294
162		Met															
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164																	
165	CTG	GGG	CTG	CGC	GAG	GCA	GAG	ATC	GAA	GCC	GTG	GAG	GTG	GAG	ATC	GGC	1342
166	Leu	Gly	Leu	Arg	Glu	Ala	Glu	Ile	Glu	Ala	Val	Glu	Val	Glu	Ile	Gly	
167		355					360					365					
168																	
169		TTC															1390
170	Arg	Phe	Arg	Asp	Gln	Gln	Tyr	Glu	Met	Leu	Lys	Arg	Trp	Arg	Gln	Gln	
171	370					375					380					385	
172																	
173		CCC															1438
174	GIn	Pro	Ala	GTÀ		GTÀ	Ala	Val	Tyr		Ala	Leu	Glu	Arg		Gly	
175					390					395					400		
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177		GAC															1486
178 179	Leu	Asp	СТА	_	vaı	GIU	Asp	Leu	_	ser	Arg	Leu	GIN	_	GTÀ	Pro	
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186	CCT	GCGT/	AGC A	AGCAG	CAG	ec go	cccc	ACC	CTC	CTCC	CCC	CTAT	regen	rcc A	AGCC	AAGGCG	1659
187																	
188	AAG	AAGC/	ACG A	AACG/	ATG	rc g	GAGG	GGGT	GAA	AGACA	TTT	CTC	ACT	CT C	CGGCC	CGGAGT	1719
189			-														
190	TTG	GCTG!	AGA 7	rcgco	GTAT	A TT	ATCI	GTG#	AAC	AAA	CAA	AAA	LAAA	AA A	ACCG	BAATTC	1779
191																	
192	GAT	ATCA	AGC :	TATO	CGAT	AC CC	TCG	CCTC	GAC	3GGGC	GGC	CCGC	TAC	CA A	ATTC	CCCTA	1839
193																	
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211	Leu	Val	Leu	Leu	Glv	Ala	Ara	Ala	Gln	Glv	Glv	Thr	Ara	Ser	Pro	Ara
212				20	1		5		25	1	1		5	30		9
213																
214	Cys	Asp	Cys	Ala	Gly	Asp	Phe	His	Lys	Lys	Ile	Gly	Leu	Phe	Cys	Cys
215	_	_	35		_	_		40	_	-		_	45		-	-
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217	Arg	Gly	Cys	Pro	Ala	Gly	His	Tyr	Leu	Lys	Ala	Pro	Cys	Thr	Glu	Pro
218		50					55					60				
219		_						_			_		_			
220	_	Gly	Asn	Ser	Thr	-	Leu	Val	Cys	Pro		Asp	Thr	Phe	Leu	
221	65					70					75					80
222	_		_	'	•	_	_		_		_				_	_
223	Trp	GIU	Asn	His		Asn	Ser	GIU	Cys		Arg	cys	GIN	АТа	_	Asp
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225 226	Gl 11	aln	A 7 a	Ser	Cl n	Val	λla	LOU	Clu	Nan	Cuc	Cor	λla	Val	. ד ג) an
227	GIU	GIII	мта	100	GIII	val	ATG	пеп	105	ASII	Cys	261	WTG	110	мта	ASP
228				100					103					110		
229	Thr	Ara	Cvs	Gly	Cvs	Lvs	Pro	Glv	Trp	Phe	Val	Glu	Cvs	Gln	Val	Ser
230		5	115	4	- 2	-1-		120	E				125			
231																
232	Gln	Cys	Val	Ser	Ser	Ser	Pro	Phe	Tyr	Cys	Gln	Pro	Cys	Leu	Asp	Cys
233		130					135		-	-		140	•		_	-
234																
235	Gly	Ala	Leu	His	Arg	His	Thr	Arg	Leu	Leu	Cys	Ser	Arg	Arg	Asp	Thr
236	145					150					155					160
237				_							_		_		_	
238	Asp	Cys	GTA	Thr	_	Leu	Pro	GTÅ	Phe	-	GLu	His	GTA	Asp	_	Cys
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243				100					103					190		
244	Ala	Val	Cvs	Gly	Trp	Ara	Gln	Met	Phe	Trp	Val	Gln	Val	Leu	Leu	Δla
245			195	1		5		200					205			
246																
247	Gly	Leu	Val	Val	Pro	Leu	Leu	Leu	Gly	Ala	Thr	Leu	Thr	Tyr	Thr	Tyr
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249																
250	Arg	His	Cys	Trp	Pro	His	Lys	Pro	Leu	Val	Thr	Ala	Asp	Glu	Ala	Gly
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253	Met	Glu	Ala	Leu		Pro	Pro	Pro	Ala		His	Leu	Ser	Pro		Asp
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25 <i>7</i> 258				260					265					270		
20																

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***** PREVIOUSLY ERRORED SEQUENCES - EDITED *****

197 198	(2)	INF	ORMA'	rion	FOR	SEQ	ID I	NO:2	:							
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208 209	Met 1	GLu	GIn	Arg	Pro 5	Arg	GTÀ	Cys	Ala	Ala 10	Val	AΙa	Ala	Ala	Leu 15	Leu
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211	Leu	Val	Leu	Leu	Gly	Ala	Arg	Ala	Gln	Gly	Gly	Thr	Arg	Ser	Pro	Arg
212				20	_		_		25	_	_		_	30		•
213		_	_	_ •		_			_	_			_			
214 215	Cys	Asp	Cys 35	Ala	GTÀ	Asp	Phe		Lys	Lys	Ile	СТĀ		Phe	Cys	Cys
215			33					40					45			
217	Arq	Gly	Cys	Pro	Ala	Gly	His	Tyr	Leu	Lys	Ala	Pro	Cys	Thr	Glu	Pro
218		50	_			•	55	-		•		60	-			
219		_														
220	_	Gly	Asn	Ser	Thr	_	Leu	Val	Cys	Pro		Asp	Thr	Phe	Leu	
221 222	65					70					75					80
223	Trp	Glu	Asn	His	His	Asn	Ser	Glu	Cvs	Ala	Ara	Cvs	Gln	Ala	Cvs	Asp
224	-				85				-	90		4			95	
225	_	_	_		_	_	_		_				_	_	_	
226	Glu	Gln	Ala		Gln	Val	Ala	Leu		Asn	Cys	Ser	Ala	Val	Ala	Asp
227 228				100					105					110		
229	Thr	Arg	Cys	Glv	Cvs	Lvs	Pro	Gly	Trp	Phe	Val	Glu	Cvs	Gln	Val	Ser
230			115	•	•	-		120	•				125			
231	_		_								_					
232	Gln	_	Val	Ser	Ser	Ser		Phe	Tyr	Cys	Gln		Cys	Leu	Asp	Cys
233 234		130					135					140				
235	Glv	Ala	Leu	His	Ara	His	Thr	Ara	Leu	Leu	Cvs	Ser	Ara	Arg	Asp	Thr
236	145				,	150					155		3	3		160
237																,
238	Asp	Cys	Gly	Thr	_	Leu	Pro	Gly	Phe	_	Glu	His	Gly	Asp	-	Cys
239 240					165					170					175	
240	Val	Ser	Cvs	Pro	Thr	Ser	Thr	Leu	Gl v	Ser	Cve	Pro	Glu	Arg	Cvs	Δla
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244 245	Ala	Val	Cys 195	Gly	Trp	Arg	Gln	Met 200	Phe	Trp	Val	Gln	Val 205	Leu	Leu	Ala
246 247 248	Gly	Leu 210	Val	Val	Pro	Leu	Leu 215	Leu	Gly	Ala	Thr	Leu 220	Thr	Tyr	Thr	Tyr
249 250 251	Arg 225	His	Cys	Trp	Pro	His 230	Lys	Pro	Leu	Val	Thr 235	Ala	Asp	Glu	Ala	Gly 240
252 253 254	Met	Glu	Ala	Leu	Thr 245	Pro	Pro	Pro	Ala	Thr 250	His	Leu	Ser	Pro	Leu 255	Asp
255 256 257	Ser	Ala	His	Thr 260	Leu	Leu	Ala	Pro	Pro 265	Asp	Ser	Ser	Glu	Lys 270	Ile	Cys
258 259 260	Thr	Val	Gln 275	Leu	Val	Gly	Asn	Ser 280	Trp	Thr	Pro	Gly	Tyr 285	Pro	Glu	Thr
261 262 263 264	Gln	Glu 290	Ala	Leu	Cys	Pro	Gln 295	Val	Thr	Trp	Ser	Trp 300	Asp	Gln	Leu	Pro
265 266 267	Ser 305	Arg	Ala	Leu	Gly	Pro 310		Ala	Ala	Pro	Thr 315	Leu	Ser	Pro	Glu	Ser 320
268 269 270	Pro	Ala	Gly	Ser	Pro 325	Ala	Met	Met	Leu	Gln 330	Pro	Gly	Pro	Gln	Leu 335	Tyr
271 272 273	Asp	Val	Met	Asp 340	Ala	Val	Pro	Ala	Arg 345	Arg	Trp	Lys	Glu	Phe 350	Val	Arg
274 275 276	Thr	Leu	Gly 355	Leu	Arg	Glu	Ala	Glu 360	Ile	Glu	Ala	Val	Glu 365	Val	Glu	Ile
277 278 279	Gly	Arg 370	Phe	Arg	Asp	Gln	Gln 375	Tyr	Glu	Met	Leu	Lys 380	Arg	Trp	Arg	Gln
280 281 282	Gln 385	Gln	Pro	Ala	Gly	Leu 390	Gly	Ala	Val	Tyr	Ala 395	Ala	Leu	Glu	Arg	Met 400
283 284 285	Gly	Leu	Asp	Gly	Cys 405	Val	Glu	Asp	Leu	Arg 410	Ser	Arg	Leu	Gln	Arg 415	Gly
286 287 288	Pro															

SEQUENCE VERIFICATION REPORT PATENT APPLICATION US/08/943,776

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RAW SEQUENCE LISTING PATENT APPLICATION US/08/943,776

DATE: 01/05/98 TIME: 14:55:49

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This Raw Listing contains Information Section and L. containing ERRORS.

Corrected Diskerto Non Needed 1 SEQUENCE LISTING 2 3 (1) General Information: 4 5 (i) APPLICANT: Degli-Esposti, Mariapia 6 Goodwin, Raymond 7 8 (ii) TITLE OF INVENTION: Novel Receptor That Causes Cell Death 9 (iii) NUMBER OF SEQUENCES: 6 10 11 12 (iv) CORRESPONDENCE ADDRESS: (A) ADDRESSEE: Immunex 13 (B) STREET: 51 University Street 14 15 (C) CITY: Seattle 16 (D) STATE: WA 17 (E) COUNTRY: USA 18 (F) ZIP: 98101 19 20 (V) COMPUTER READABLE FORM: 21 (A) MEDIUM TYPE: Floppy disk 22 (B) COMPUTER: Apple Power Macintosh (C) OPERATING SYSTEM: Apple Operating System 7.5.3 23 24 (D) SOFTWARE: Microsoft Word for Power Macintosh 6.0.1 25 26 (vi) CURRENT APPLICATION DATA: (A) APPLICATION NUMBER: 27 28 (B) FILING DATE: **03 OCTOBER 1997** 29 (C) CLASSIFICATION: 30 31 (vii) PRIOR APPLICATION DATA: (A) APPLICATION NUMBER: USSN 60/044,456 32 33 (B) FILING DATE: **04 OCTOBER 1996** 34 (C) CLASSIFICATION: 35 (viii) ATTORNEY/AGENT INFORMATION: 36 37 (A) NAME: Perkins, Patricia Anne 38 (B) REGISTRATION NUMBER: 34,693 39 (C) REFERENCE/DOCKET NUMBER: 2849-A 40 41 (ix) TELECOMMUNICATION INFORMATION: 42 (A) TELEPHONE: 2065870430 43

ERRORED SEQUENCES FOLLOW:

44

(2) INFORMATION FOR SEQ ID NO:2:

D 08/943,776

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 417 amino acids
 - (B) TYPE: amino acid
 - (D) TOPOLOGY: linear

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- (ii) MOLECULE TYPE: protein
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

Met Glu Gln Arg Pro Arg Gly Cys Ala Ala Val Ala Ala Ala Leu Leu Leu Val Leu Leu Gly Ala Arg Ala Gln Gly Gly Thr Arg Ser Pro Arg Cys Asp Cys Ala Gly Asp Phe His Lys Lys Ile Gly Leu Phe Cys Cys 35 Arg Gly Cys Pro Ala Gly His Tyr Leu Lys Ala Pro Cys Thr Glu Pro Cys Gly Asn Ser Thr Cys Leu Val Cys Pro Gln Asp Thr Phe Leu Ala Trp Glu Asn His His Asn Ser Glu Cys Ala Arg Cys Gln Ala Cys Asp 85 Glu Gln Ala Ser Gln Val Ala Leu Glu Asn Cys Ser Ala Val Ala Asp 100 105 Thr Arg Cys Gly Cys Lys Pro Gly Trp Phe Val Glu Cys Gln Val Ser 120 Gln Cys Val Ser Ser Ser Pro Phe Tyr Cys Gln Pro Cys Leu Asp Cys 135 Gly Ala Leu His Arg His Thr Arg Leu Leu Cys Ser Arg Arg Asp Thr 145 160 Asp Cys Gly Thr Cys Leu Pro Gly Phe Tyr Glu His Gly Asp Gly Cys 165 170 Val Ser Cys Pro Thr Ser Thr Leu Gly Ser Cys Pro Glu Arg Cys Ala 185 Ala Val Cys Gly Trp Arg Gln Met Phe Trp Val Gln Val Leu Leu Ala 195 200 205 Gly Leu Val Val Pro Leu Leu Leu Gly Ala Thr Leu Thr Tyr Thr Tyr 210 215 Arg His Cys Trp Pro His Lys Pro Leu Val Thr Ala Asp Glu Ala Gly 235 Met Glu Ala Leu Thr Pro Pro Pro Ala Thr His Leu Ser Pro Leu Asp 245 250 Ser Ala His Thr Leu Leu Ala Pro Pro Asp Ser Ser Glu Lys Ile Cys

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Thr Val Gln Leu Val Gly Asn Ser Trp Thr Pro Gly Tyr Pro Glu Thr 275 280 285

Gln Glu Ala Leu Cys Pro Gln Val Thr Trp Ser Trp Asp Gln Leu Pro 290 295 300

Ser Arg Ala Leu Gly Pro Ala Ala Ala Pro Thr Leu Ser Pro Glu Ser 305 310 315 320

Pro Ala Gly Ser Pro Ala Met Met Leu Gln Pro Gly Pro Gln Leu Tyr 325 330 335

Asp Val Met Asp Ala Val Pro Ala Arg Arg Trp Lys Glu Phe Val Arg 340 345 350

Thr Leu Gly Leu Arg Glu Ala Glu Ile Glu Ala Val Glu Val Glu Ile 355 360 365

Gly Arg Phe Arg Asp Gln Gln Tyr Glu Met Leu Lys Arg Trp Arg Gln 370 380

Gln Gln Pro Ala Gly Leu Gly Ala Val Tyr Ala Ala Leu Glu Arg Met 385 390 395 400

Gly Leu Asp Gly Cys Val Glu Asp Leu Arg Ser Arg Leu Gln Arg Gly , 405 410 415

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